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Document ID: J P 10-307997 A2**Title:** DEVICE AND METHOD FOR CONTROLLING TRAVELLING IN FILES**Assignee:** FUJITSU TEN LTD**Inventor:** YASUKI HISANORI
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HIGASHIDA HIROBUMI**US Class:****Int'l Class:** G08G 01/16 A**Issue Date:** 11/17/1998**Filing Date:** 05/01/1997**Abstract:**

PROBLEM TO BE SOLVED: To enable passing smoothly while maintaining travelling in files by formation of a vehicle group.

SOLUTION: A target car speed A is received (a2) from the front vehicle or a group of vehicles, and when a target car speed C of one's own car is faster (a4), passing is done (a8) after information transmission of the effect that the surrounding vehicles or a group of vehicles are going to be passed is made (a7). By information transmission, cooperation is expected from the surrounding vehicles. Transmitted information is judged also on the basis of car speed B of surrounding vehicles or a group of vehicles on a passing lane (a3) or the distance D between vehicles on the passing lane (a5), and deceleration or standing by is instructed when necessary.

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